# GOVERNMENT OF INDIA
# ENVIRONMENT, FORESTS AND CLIMATE CHANGE
# LOK SABHA

UNSTARRED QUESTION NO:1479
ANSWERED ON:25.07.2017
Rising of Sea Level
K. Shri Parasuraman

**Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:**

(a) whether as per the United Nations Environment Report nearly 40 million people in the country are projected to be at risk from rising sea levels by 2050;
(b) if so, the details thereof;
(c) whether the Government has conducted any study in this regard;
(d) if so, the details thereof; and
(e) the preventive measures being taken by the Government in this regard?

## Answer

MINISTER FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. HARSH VARDHAN)

(a) and (b): The Report titled Global Environment Outlook (GEO-6) Regional Assessment for Asia and the Pacific, published in 2016 by United Nations Environment Programme (UNEP), inter-alia, projects that nearly 40 million people in India will be at risk from sea level rise by 2050.

(c) and (d) : In the India's Second National Communication submitted to the United Nations Framework Convention on Climate Change (UNFCCC), sea level is projected to rise by 3.5 to 34.6 inches between 1990 and 2100, which may result in saline coastal groundwater, endangering wetlands and inundating valuable land and coastal communities.

(e): The Government has published Coastal Regulation Zone Notification, 2011 with a view to ensure livelihood security to the fisher communities and other local communities, living in the coastal areas and to conserve and protect coastal stretches. The Integrated Coastal Management Project has been initiated with objectives of building national capacity for implementation of comprehensive coastal management approach in the country, and piloting the integrated coastal zone management approach in selected States. The national component of the project includes mapping, delineation and demarcation of hazard lines, all along the coast of India after taking in to account the sea level rise and other non climatic parameters such as shore line changes, tides and waves. A National Centre for Sustainable Coastal Management (NCSCM) has been established to promote research and development in the area of coastal management.

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